

RRRRRRRR RRRRRRRR RR RR RR RR RR RR RRRRRR	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	\$	BBBBBBBB BBBBBBBB BB BB BB BB BB BB BBBBBB	
		\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$ \$\$ \$\$ \$\$ \$\$		
		\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$ \$\$ \$\$ \$\$		
	111111	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS		

RPSUB Table of contents	- DCL RESULT PARSE SUBROUTINES	N	6	16-SEP-1984 00:14:19	VAX/VMS Macro	v04-00	Page	0
(2) 54 (3) 77 (4) 138 (5) 203 (6) 265 (7) 296 (8) 345	DECLARATIONS GET QUALIFIER DESCRIPTOR BLOCK FIND COMMAND QUALIFIER EXTRACT RESULT DESCRIPTOR FIELDS SET RESULT DESCRIPTOR ADDRESS GET PARAMETER RESULT PARSE INIT							

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012345678901234567890123456789

.TITLE RPSUB - DCL RESULT PARSE SUBROUTINES

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FACILITY: STARLET DCL CLI
ABSTRACT: MISC SUBROUTINES

ENVIRONMENT: NATIVE MODE USER CODE

AUTHOR: W.H.BROWN, CREATION DATE:14-APR-77

MODIFIED 3Y:

V03-003 PCG0003 Peter George 15-Feb-1983
Update to new structure level.
Handle larger PTR data structure.
Move DCL\$CNVASCBIN to CONVERT.

V03-002 PCG0002 Peter George 14-Nov-1982 Call DCL\$TRIM to process the numeric string before converting it to an integer.

V03-001 PCG0001 Peter George 30-Sep-1982 Use new larger PTR data structure.

14147

.

9

52

08

F5 06 05

```
.DSABL LSB
.SBTTL GET QUALIFIER DESCRIPTOR BLOCK
                            : FUNCTIONAL DESCRIPTION:
                                          THIS ROUTINE IS CALLED TO LOCATE THE COMMAND QUALIFIER DESCRIPTOR BLOCK FOR A SPECIFIC QUALIFIER. ALTERNATE ENTRY TO CHECK THAT QUALIFIER IS A PARAMETER QUALIFIER AS OPPOSED TO AN OUTPUT SPECIFIER.
                               CALLING SEQUENCE:
                                                                                                     GET QUALIFIER DESCRIPTOR GET PARAMETER QUALIFIER DESCRIPTOR
                                          BSB/JSB DCLSGETQUALDESC
BSB/JSB DCLSGETPARMQUAL
                               INPUT PARAMETERS:
                                          R1 IS THE CODE TO IDENTIFY THE QUALIFIER
                               IMPLICIT INPUTS:
                                          R8 = ADDRESS OF UTILITY BIT ARRAY
R9 = ADDRESS OF REQUEST DESCRIPTOR
R10 = ADDRESS OF WORK BLOCK
R11 = ADDRESS OF PASS 1 PARSE WORK AREA
                               OUTPUT PARAMETERS:
                                          R2 IS THE ADDRESS OF THE QUALIFIER DESCRIPTOR BLOCK
                               COMPLETION CODES:
                                          RO = SUCCESS/FAIL DEPENDING OF WHETHER THE DESCRIPTOR WAS FOUND
                               SIDE EFFECTS:
                                          TOP LEVEL RETURN (RET) TAKEN IF SEARCH FAILS
                                          .ENABL LSB
                                                                                                        GET A PARAMETER QUALIFIER DESCRIPTOR FIND A QUALIFIER DESCRIPTOR COPY QUALIFIER NUMBER ZERO IS INVALID QUALIFIER NUMBER POINT AT START OF QUALIFIER BLOCKS BR IF NONE START OF SEARCH TEST OFFSET TO NEXT BR IF THIS IS LAST FIND ADDRESS OF NEXT ENT BLOCK
                           DCLSGETPARMQUAL::
DCLSGETQUALDESC::
                                          MOVL
                                                         R1,R0
D0
13
D0
13
11
D5
13
C1
                                                         WRK_L_QUABLK(R11),R2
                                          BEQL
                                          BRB
                                                         ENT_L_NEXT(R2)
                           105:
                                          BEQL
```

ENT_L_NEXT(R2),-WRK_L_TAB_VEC(R11),R2 RO,TOS RO

ADDL3

SOBGTR INCL

20\$:

D 7

COUNT DOWN QUALIFIER NUMBER INDICATE DESCRIPTOR FOUND BACK TO THE CALLER

RPSUB V04-000 GET QUALIFIER DESCRIPTOR BLOCK 4-SEP-1984 00:14:19 VAX/VMS Macro V04-00 GET QUALIFIER DESCRIPTOR BLOCK 4-SEP-1984 23:43:05 [DCL.SRC]RPSUB.MAR;1

001E 133 90s: SETSTAT INVQUALNUM ; SET ERROR-INVALID QUALIFER NUMBER RET ; GO BACK TO DISPATCHER

04 0023 134 RET ; GO BACK TO DISPATCHER

Page

```
.SBTTL FIND COMMAND QUALIFIER
```

F 7

FUNCTIONAL DESCRIPTION:

THIS COROUTINE IS CALLED TO SEARCH FOR A COMMAND QUALIFIER IN THE RANGE OF THE CURRENT COMMAND. THE SEARCH IS DONE OUT TO THE FIRST PARAMETER APPEARING IN THE COMMAND, THEN FROM THE START OF THE FIRST PARAMETER IN THE RANGE OF THE CURRENT COMMAND TO THE END OF THE RANGE OF THE CURRENT COMMAND.

CALLING SEQUENCE:

BSB/JSB DCL\$LOCCMDQUAL

INPUT PARAMETERS:

R1 IS THE CODE OF THE QUALIFIER TO LOCATE

IMPLICIT INPUTS:

R8 = ADDRESS OF UTILITY BIT ARRAY
R9 = ADDRESS OF REQUEST DESCRIPTOR R10 = ADDRESS OF WORK BLOCK R11 = ADDRESS OF PASS 1 PARSE WORK AREA

OUTPUT PARAMETERS:

R4 IS RETURNED AS THE ADDRESS OF THE DESCRIPTOR IF FOUND R5 IS THE INDEX TO THE DESCRIPTOR IF FOUND

COMPLETION CODES:

BNEQ

RO IS SET TRUE OR FALSE DEPENDING OF SUCCESS OF SEARCH SIDE EFFECTS:

REGISTERS R4, R5 & R6 ARE USED BY THIS ROUTINE AND MUST BE PRESERVED ACCROSS COROUTINE RETURNS.

56	5540	01	DO	0024 0024
		50	04	002B
80	AA	55 0E	91 1F	002D 0031 0033
55	01	A6	9Ã	0035
02	A6	55	91 1A	003B 003F
	04	1¢	10 ED	0041
	00	04	12	8400

O DCLSFN	DCMDQUAL:	:
2	MOVAL	#1.R5 RPW_G_PRMLIM(R10),R6
3 10\$:	CMPB	R5 RPW_B_STRPARM(R10)
7 20s:	BNEQ	305 PLM_B_FSTDESC(R6),R5
30\$:	EEQL CMPB	R5 PLM_B_LSTDESC(R6)
1 405:	BSBB	DCL\$SETDESCADR

LOCATE THE COMMAND QUALIFIER
SET INDEX TO START SEARCH
START OF PARAMETER LIMIT DESCRIPTORS
ASSUME NO MORE QUALIFIERS
THIS DESCRIPTOR IN RANGE OF VERB BR IF YES BR IF WITHIN A PARAMETER SET INDEX OF PLACE TO START LOOKING 70\$

R5.PLM_B_LSTDESC(R6)

BR WHEN DONE

1S THIS WITHIN THE CURRENT PARAMETER?

60\$

BR IF OUT OF RANGE OF THIS PARAMETER

CL\$SETDESCADR

SET ADDRESS OF RESULT DESCRIPTOR

PTR V TYPE. PTR S TYPE. -; VIELD LIMITS FOR TYPE

PTR_C_BESCR(R4), PTR_K_COMBQUAL; IF THIS A COMMAND QUALIFIER?

50\$

BR WHEN DONE

1S THIS WITHIN THE CURRENT PARAMETER?

SET ADDRESS OF RESULT DESCRIPTOR

FIRE C_BESCR(R4), PTR_K_COMBQUAL; IF THIS A COMMAND QUALIFIER?

SR IF NO-CONTINUE SEARCH

RPSUB V04-000	FI	DCL RESUL	LT PARSE SUBP	ROUTINES	6 7	16-SEP-1984 4-SEP-1984	00:14:19 23:43:05	VAX/VMS Macro V04-00 EDCL.SRCJRPSUB.MAR;1	Page	(4)
56	04 (06 004A 16 004C 06 004E 11 0050 10 0052 11 0055 05 0057	195 196 197 50\$: 198 199 60\$: 200 201 70\$:	INCL JSB INCL BRB ADDL BRB RSB	R0 a(SP)+ R5 10\$ #PLM_K_S 20\$	IZE,R6	SET RETU ADV/ CHEC SET TRY RETU	SUCCESS URN WITH QUALIFIER ANCE INDEX TO NEXT DESCRIPTOR CK AGAIN TO NEXT PARAMETER LIMIT DESC NEXT PARAMETER URN WITH VALUE OR ZERO	RIPTOR	

02 A6

EF

9E EF

EXTZV

EXTZV

H 7

```
.SBTTL EXTRACT RESULT DESCRIPTOR FIELDS
                                 : FUNCTIONAL DESCRIPTION:
                                                  THIS ROUTINE IS CALLED TO TAKE A RESULT DESCRIPTOR APART AND RETURN ITS COMPONTENT PART AS INDIVIDUAL VALUES.
                                     CALLING SEQUENCE:
                                                                                                                        : EXTRACT NEXT DESCRIPTOR
: GET AND EXTRACT DESCRIPTOR
: EXTRACT RESULT DESCRIPTOR
                                                  BSB/JSB DCLSEXTNXTDESC
BSB/JSB DCLSGETEXTDESC
BSB/JSB DCLSEXTRSLDESC
                                     INPUT PARAMETERS:
                                                  AT EXTRSLDESC WITH R4 CONTAINS THE ADDRESS OF THE DESCRIPTOR AT EXTNATDESC WITH R6 CONTAINS THE ADDRESS OF THE PARAMETER
                                                          LIMIT DESCRIPTOR.
                                     IMPLICIT INPUTS:
                                                  R8 = ADDRESS OF UTILITY BIT ARRAY
R9 = ADDRESS OF REQUEST DESCRIPTOR
                                                  R10 = ADDRESS OF WORK BLOCK
R11 = ADDRESS OF PASS 1 PARSE WORK AREA
                                    OUTPUT PARAMETERS:
                                                  R1 = TYPE
R2 = SIZE OR VALUE DEPENDING ON THE DESCRIPTOR
R3 = ADDRESS OF THE ITEM
                                                  R4 = ADDRESS OF DESCRIPTOR
                                     COMPLETION CODES:
                                                  RO = SUCCESS/FAILURE DEPENDING ON RESULT OF SEARCH
                                :--
                                                   .ENABL LSB
                                DCLSEXTNXTDESC::
                                                                                                                             EXTRACT NEXT COMPLETE DESCRIPTOR
                                                                  FAIL
PLM_B_NXTDESC(R6),R5

R5.PLM_B_LSTDESC(R6)

R5.PLM_B_LSTDESC(R6)

R6.

PLM_B_NXTDESC(R6)

R0.

BR IF PARAMETER SET IS MISSING

IS THIS IN RANGE OF CURRENT PARAMETER?

BR IF NO

ADVANCE INDEX TO NEXT

SET ANY SUCCESSFUL STATUS

GET AND EXTRACT NEXT DESCRIPTOR

EXTRACT FOR RESULT DESCRIPTOR

EXTRACT FOR RESULT DESCRIPTOR

EXTRACT FOR RESULT DESCRIPTION

WPTR_V_OFFSET, MPTR_S_OFFSET, -; START BIT AND SIZE OF OFFSET

PTR_C_BESCR(R4),R3

WRK_G_BUFFER(R11)[R3],R3; FIND ADDRESS OF ITEM IN BUFFER

MPTR_V_VALUE,MPTR_S_VALUE, -; START BIT AND SIZE OF VALUE

PTR_C_BESCR(R4),R2

GET VALUE INTO R2

MPTR_V_TYPE,MPTR_S_TYPE, -; START BIT AND SIZE OF TYPE
                                                   SETSTAT FAIL
                                                                                                                             ASSUME WONT FIND ONE
                                                   MOVZBL
9A
13
91
1A
96
D6
                                                   BEQL
                                                   CMPB
                                                   BGTRU
                                                   INCB
                                DCLSGETEXTDESC::
10
                                                   BSBB
                                 DCLSEXTRSLDESC::
                                                  EXTZV
```

RPSUB V04-000 - DCL RESULT PARSE SUBROUTINES EXTRACT RESULT DESCRIPTOR FIELD

16-SEP-1984 00:14:19 VAX/VMS Macro V04-0 4-SEP-1984 23:43:05 [DCL.SRC]RPSUB.MAR;

Page

51 64

05 0080 0081

260 40\$:

PTR_L_DESCR(R4),R1

GET TYPE INTO R1

.DSABL LSB

#PTR_C_LENGTH,R5,R4 ; GET BYTE OFFSET OF DESCRIP WRK_G_RESULT-PTR_C_LENGTH(R11)[R4],R4 ; GET ADDRESS OF DESCRIPTOR

DCL\$SETDESCADR:: MULL3

RSB

54 F9AA CB44

05

K 7

BNEQ

30\$:

SETSTAT SUCCESS

BR IF NO-TRY NEXT SET FOUND ONE RETURN TO CALLER

```
.SBTTL GET PARAMETER
                        FUNCTIONAL DESCRIPTION:
                                     THIS ROUTINE IS CALLED TO SEARCH THE RESULT DESCRIPTOR BUFFER FOR THE NEXT OCCURANCE OF A PRARMETER
                           CALLING SEQUENCE:
                                     BSB/JSB DCL$GETPARM
                                                                                        ; GET A PARAMETER
                           INPUT PARAMETERS:
                                     R5 CONTAINS THE INDEX OF NEXT DESCRIPTOR TO CHECK
                           IMPLICIT INPUTS:
                                     R8 = ADDRESS OF UTILITY BIT ARRAY
R9 = ADDRESS OF REQUEST DESCRIPTOR
R10 = ADDRESS OF WORK BLOCK
R11 = ADDRESS OF PASS 1 PARSE WORK AREA
                           OUTPUT PARAMETERS:
                                     R1 CONTAINS THE TYPE OF THE DESCRIPTOR(IE:PTR_K_PARAMETR)
R2 CONTAINS THE SIZE OF THE PARAMETER
                                         CONTAINS THE PRECEEDING TERMINATOR
                                     R4 CONTAINS THE ADDRESS OF THE PARAMETER DESCRIPTOR R5 IS THE INDEX TO THE DESCRIPTOR
                           COMPLETION CODES:
                                     RO = SUCCESS/FAIL DEPENDING ON THE RESULT OF THE SEARCH
                        DCL$GETPARM::
                                                                                           GET THE NEXT PARAMETER
                                     SETSTAT FAIL
                                                                                           ASSUME NO MORE PARAMETERS
                        105:
                                     INCL
                                                                                           ADVANCE INDEX
D6
10
EF
                                                                                           GET DESCRIPTOR AND EXTRACT FIELDS
; GET THE TERMINATOR FORM THE PRVIOUS
DESCRIPTOR AND SAVE IN R3
IS THIS THE END OF LINE?
NO MORE PARAMETERS
IS THE CURRENT A PARAMETER?
                                                 DCLSGETEXTDESC
#PTR_V_TERM, #PTR_S_TERM, -
-PTR_C_LENGTH(R47,R3
R1, #PTR_K_ENDLINE
30$
                                     BSBB
                                     EXTZV
91
13
91
12
                                     BEQL
                                                  R1 #PTR_K_PARAMETR
```

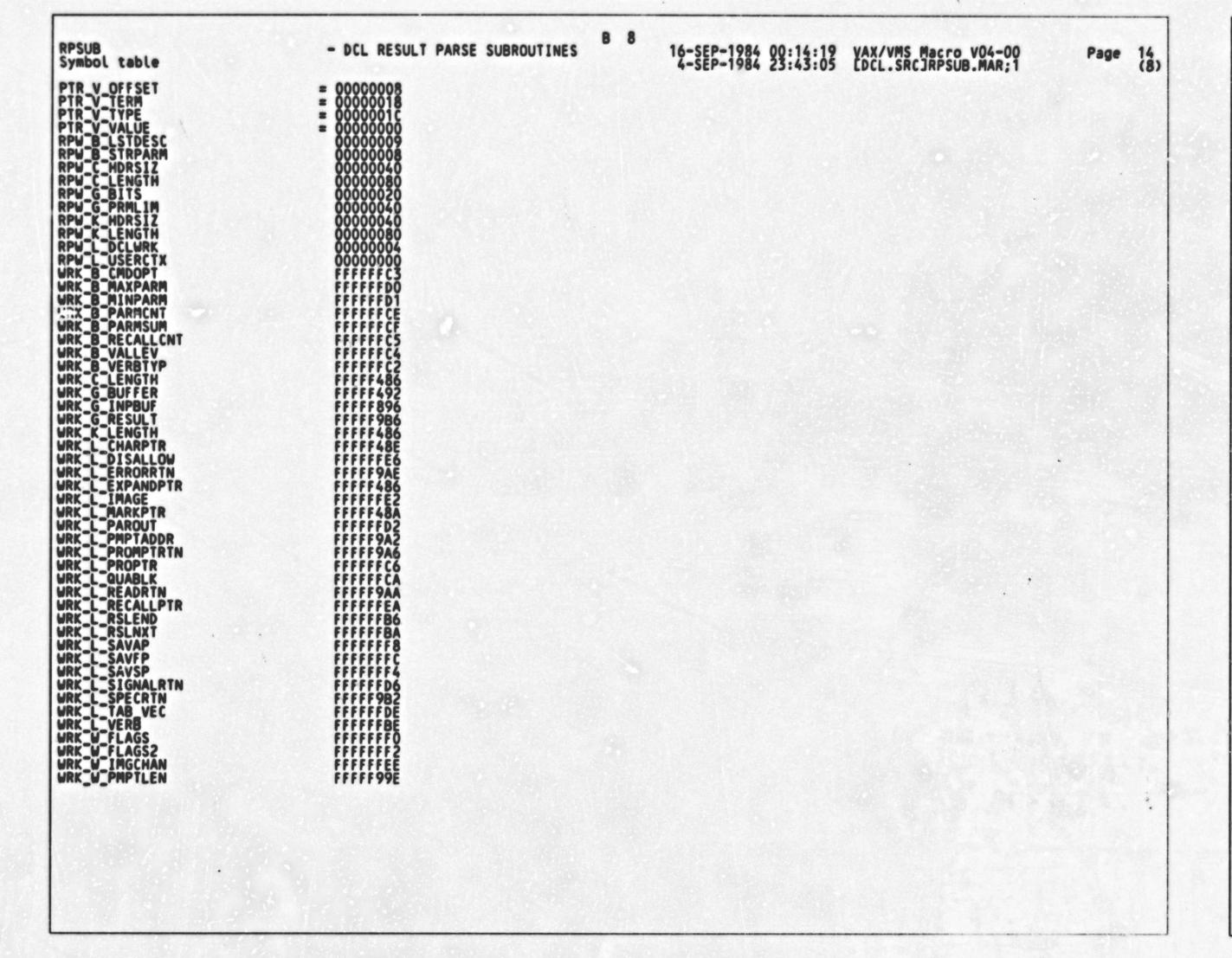
```
L 7
- DCL RESULT PARSE SUBROUTINES RESULT PARSE INIT
                                    .SBTTL RESULT PARSE INIT
                          FUNCTIONAL DESCRIPTION:
                                    THIS ROUTINE IS CALLED TO ESTABLISH INITIAL CONDITIONS IN THE RESULT PARSE WORK AREA PRIOR TO PERFORMAING A RESULT PARSE.
                           CALLING SEQUENCE:
                                    ENTERED VIA A CASE FOLLOWED BY A CALL
                           IMPLICIT INPUTS:
                                    R9 = ADDRESS OF REQUEST DESCRIPTOR
R10 = ADDRESS OF WORK BLOCK
R11 = ADDRESS OF PASS 1 PARSE WORK AREA
                  3601
3612
3643
3645
3667
3712
3712
                           OUTPUT PARAMETERS:
                                    THE RESULT PARSE WORK AREA IS INITED
                           COMPLETION CODES:
                                    RO = SUCCESS
```

04	00 AA 04 57 56	AA _{3A}	62 00 8F 5B AB AS 5CB 550 555	10 20 00 00 00 00 00 00 00 00 00 00 00 00	00A6 00A6 00A8 00AC 00B1 00B5 00B9 00BP 00C1 00C5	374 375 376 377 378 379 380 381 382 383	MOVL MOVAL CLRL BSBB MOVB BLBC	DCL\$GETDCLWRK #0,(R10),#0,- #CLI\$C WORKAREA-4,4(R1 R11,RPU L DCLWRK(R10) WRK L PROPTR(R11),R7 RPW_G_PRMLIM(R10),R6 R5 DCL\$GETPARM R5,RPW_B_STRPARM(R10) R0,90\$ R5,PLM_B_FSTDESC(R6)
02	01 A6	A6 66 55 01	55 55 88 01 50 53	DE 100 PE 90 PE 91 3 P	00C8 00CC 00CF 00D1 00D6 00D9	384 109 385 386 209 387 388	MOVB	R5.PLM_B_FSTDESC(R6) R5.PLM_B_NXTDESC(R6) DCL\$GETPARM #1.R5.PLM_B_LSTDESC(R6) R0.90\$ R3.#PTR_K_BLANK
		EC 04	16 07 A7 53 E7		00DC 00DE 00E0 00E3	390 391 392 393 394	BEQL BBS CMPB BNEQ	#ENT V IMPCAT - ENT D FLAGS(R7),20\$ R3,#PTR_K_COMMA
	57	01 10 08 DE	97 90 50 F4 AB	91 12 91 13 10 E9 11	OOEB OOED OOEF OOF 2 OOF 4 OOF 7	395 40 396 397 398 399 400 50	BEQL BSBB BLBC BRB	R3,#PTR_K_BLANK 50\$ DCL\$GETPARM R0,90\$ 40\$ ENT_L_NEXT(R7),- WRK_L_TAB_VEC(R11),R7

RESULT APRSE INIT
GET POINTER TO DCL PHASE 1 WORK AREA
SOURCE BUFFER SIZE AND FILL OF 0 TO
TERO OUT THE WORK AREA
SAVE WORK AREA ADDRESS FOR LATER
GET ADDRESS OF COMMAND PROMPT TABLE
GET ADDRESS OF FIRST PARAM LIMIT TABLE
INIT INDEX TO MINUS FIRST DESCRIPTOR
RETREIVE THE NEXT (FIRST) PARAMETER
SAVE THE INDEX TO THE FIRST PARAMETER
BR IF NO PARAMETERS IN COMMAND
SET FIRST PARAMETER IN THIS LIST
ALSO THE NEXT TO PROCESS ALSO THE NEXT TO PROCESS LOCATE THE NEXT PARAMETER IN THE COMD SET INDEX OF THE LAST PARAMETER SEEN BR IF NO MORE
IS THIS THE START OF A PARMETER LIST? BR IF YES
IF COMMAND HAS IMPLIED CONCATONATION
THEN KEEP LOOKING TILL END OF PARAMETER
ELSE LOOK FOR PARAMETER LIST SEPARATOR
IF NO A SEPARATOR, CONTINUE SCAN
SCAN FOR LAST PARAMETER IN THE LIST
BR IF FOUND LAST PARAMETER
SEARCH FOR NEXT PARAMETER
BR IF RAN OUT OF PARAMETER
CHECK FOR BLANKS
SKIP TO NEXT DESCRIPTOR

RPSUB V04-000				- DC	L RESUL	LT PAI	RSE SUBI	ROUTINES	M	7	16-SEP-1984 4-SEP-1984	00:14: 23:43:	:19 :05	VAX/VMS Macro V04-00 [DCL.SRC]RPSUB.MAR;	?	Page	12 (8)
	03	A6	55 86 66	90 05 11	00FA 00FE 0100	402 403 404		MOVB TSTL BRB SETSTAT MOVB RET	R5. (R6 10\$	PLM_B	TRMDESC(R6)		POINT	DESCRIPTOR OF PARAMETER L	TER TE	RMINATO ESCRIPT	R OR
	03	A6	55	90 04	0102 0105 0109 010A	403 404 405 406 407 408 409 410	90\$:			CESS PLM_B	TRMDESC(R6)		SAVE	ALL IS GOOD FINAL TERMINATOR RN TO DISPATCHER			
	0000 5B	0000	O'EF	16 00 05	010A 010A 010A 010A 0110 0114 0115	410 411 412 413 414 415	:	WORK ADDRI TDCLWRK:: JSB MOVL RSB END		SGET I	PRC VFP(R11),R11	: 6	GET /	ADDRESS OF CLI PROCES ADDRESS OF COMMAND WO RN TO CALLER	SS WORK DRK ARE	AREA	

RPSUB Symbol table	- DCL RESULT PARSE S	JBROUTINES N 7	-SEP-1984 00:14:19 VAX/VMS Macro V04-00 -SEP-1984 23:43:05 [DCL.SRC]RPSUB.MAR;1	Page 13 (8)
CLISC WORKAREA CLISGET PRC CLIS INVQUALNUM DCLSEXTNXTDESC DCLSEXTRSLDESC DCLSFNDCMDQUAL DCLSGETDCLWRK DCLSGETEXTDESC DCLSGETPARM DCLSGETPARM DCLSGETPARMQUAL D	= 00000080	PRC L PPFLIST PRC L PPFLIST PRC L RECALLPTR PRC L SAVAP PRC L SAVAP PRC L SEVERITY PRC L STACKLM PRC L STACKLM PRC L STACKLM PRC L STACKLM PRC L STATUS PRC L STATUS PRC L STATUS PRC L TMBX PRC Q FLUSHTIME PRC Q GLOBAL PRC Q GLOBAL PRC Q LABEL PRC W ASTIOSB PRC W TINPCHAN PRC W OUTMBXCHN PRC W OUTMBXCHN PRC W OUTMBXCHN PRC W OUTMBXSIZ PRC W OUTMBXCHN PRC W OUTMBXSIZ PRC W OUTMBXCHN PRC W OUTMBXCH	00000118 00000072F 00000058 000000000 0000000000000000000	



16-SEP-1984 00:14:19 VAX/VMS Macro V04-00 4-SEP-1984 23:43:05 [DCL.SRCJRPSUB.MAR;1

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! Psect synopsis !

Allocation PSECT No. Attributes

ABS . 00000000 (0.) 00 (0.) NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE FFFFFFF (0.) 01 (1.) NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE DCL\$ZCODE 00000115 (277.) 02 (2.) NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC BYTE

Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	.9	00:00:00.11	00:00:00.42
Initialization Command processing Pass 1 Symbol table sort Pass 2	250	00:00:00.81	00:00:03.05
Pass 2	72	00:00:01.69	00:00:02.81
Psect synopsis output	20	00:00:00.16	00:00:00.68
Symbol table output Psect synopsis output Cross-reference output Assembler run totals	436	00:00:00.00 00:00:13.14	00:00:00.00

The working set limit was 1200 pages.
45492 bytes (89 pages) of virtual memory were used to buffer the intermediate code.
There were 50 pages of symbol table space allocated to hold 815 non-local and 18 local symbols.
415 source lines were read in Pass 1, producing 13 object records in Pass 2.
34 pages of virtual memory were used to define 20 macros.

Macro library statistics !

Macro Library name

Macros defined

_\$255\$DUA28:[SYSLIB]SYSBLDMLB.MLB;1 _\$255\$DUA28:[DCL.OBJ]DCL.MLB;1 _\$255\$DUA28:[SYS.OBJ]LIB.MLB;1 _\$255\$DUA28:[SYSLIB]STARLET.MLB;2 TOTALS (all libraries)	0 8 0 4

956 GETS were required to define 12 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS:RPSUB/OBJ=OBJS:RPSUB MSRCS:RPSUB/UPDATE=(ENHS:RPSUB)+EXECMLS/LIB+LIBS:DCL/LIB+SYSSLIBRARY:SYSBLDMLB/LIB

0073 AH-BT13A-SE

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